

REMARKSI. Introduction

In response to the Office Action dated December 13, 2005, no claims have been cancelled, amended or added. Claims 1-20 remain in the application. Re-examination and re-consideration of the application is requested.

II. Prior Art Rejections

In paragraphs (1)-(2) of the Office Action, claims 1, 2, 6, 8-12, 16, and 18-20 were rejected under 35 U.S.C. §102(e) as being anticipated by Song et al., "4-G/b/s Clock and Data Recovery Using Four-Phase 1/8-Rate Clock" (Song). In paragraph (3) of the Office Action, claims 3-4, 7, 13-14, and 17 were rejected under 35 U.S.C. §102(e) as being anticipated by Song in view of Savoj et al., "A 10Gb/s CMOS Clock and Data Recovery Circuit with Frequency Detection" (Savoj). In paragraph (4) of the Office Action, claims 5 and 15 were rejected under 35 U.S.C. §102(e) as being anticipated by Song in view of Nakamura et al., "A 6Gbps CMOS Phase Detecting DEMUX Module Using Half-Frequency Clock" (Nakamura).

Applicants' attorney respectfully traverses these rejections.

Applicants' attorney submits herewith Declarations under 37 C.F.R. §1.131 by inventors Behzad Razavi and Jhi Lee to eliminate Song et al., "4-G/b/s Clock and Data Recovery Using Four-Phase 1/8-Rate Clock" as a reference.

As set forth in the Declarations, the Applicants conceived the invention described in the above-identified patent application in this country prior to September 24, 2002, as evidenced by the United States Provisional Patent Application No. 60/445,722 filed on February 7, 2003, a copy of which is attached to the Declaration as an exhibit. This document describes their invention, and fully supports the claims in the above-identified patent application.

On page 1 of United States Provisional Patent Application No. 60/445,722, the date September 1, 2002 is shown. This is the date that the document was completed, which is prior to September 24, 2002. Thus, this document is evidence of Applicants' conception of the invention at least as early as September 1, 2002.

Development of the invention proceeded on a continuous basis from September 1, 2002, which is prior to September 24, 2002, eventually culminating in the filing of the United States Provisional Patent Application No. 60/138,221 on February 7, 2003.

Consequently, Song is eliminated as a reference by the Declaration under 37 C.F.R. §1.131.

Thus, Applicants' attorney submits that independent claims 1 and 11 are allowable over the references. Further, dependent claims 2-10 and 12-20 are submitted to be allowable over the references in the same manner, because they are dependent on independent claims 1, and 11, respectively, and thus contain all the limitations of the independent claims. In addition, dependent claims 2-10 and 12-20 recite additional novel elements not shown by the references.

III. Conclusion

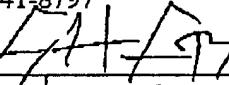
In view of the above, it is submitted that this application is now in good order for allowance and such allowance is respectfully solicited. Should the Examiner believe minor matters still remain that can be resolved in a telephone interview, the Examiner is urged to call Applicants' undersigned attorney.

Respectfully submitted,

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